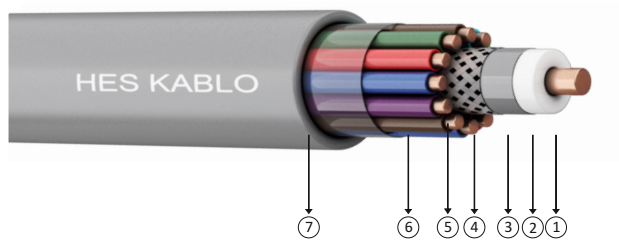


CCTV RG 6 LZSH Camera Cables



Code: CCTV RG 6 LZSH **Standard:** TSE / TS 13778

CCTV : Closed Circuit TV System
RG : Radio Frequency
6 : Conductor Wire Diameter
LSZH : HFFR / LSZH Sheath

Technical Properties

Inner Conductor Diameter : 1,02±0,02 mm
 Insulation Diameter : 4,6±0,2 mm
 First Screen : Al-PET Foil (Coverage %100)
 Second Screen : Tinned Copper Wire Braid
 Outer Conductors: Stranded Electrolytic Copper
 Sheath Colour : White
 Sheath Material : LSZH
 Package : 100 - 300 m Coil / 500 - 1000 m Drum

Electrical Properties

Impedance : 75±3 Ohm
 Nominal Capacitance : 54±2 pF/m (Conductor/Screen)
 Velocity of Prop. : %82±2
 Insulation Resistance : 2000 Mohm x km (Min.)
 Test Voltage (AC 50 Hz) : 1500 V / 1 Minutes
 Operating Temperature : -40°C, +70°C
 Min. Bending Radius : 10 x D (mm) (D:Overall Diameter)
 CPR Fire Class : Euro - Class E

Construction

1- Conductor : Annealed copper wire (TS EN 60228 Class 1)
 2- Insulation : Physical Foamed Polyethylene (TS EN 50290-2-37)
 3- First Screen : One Side Copolyedmer Coated Aluminum Foil (%100 Coverage)
 4- Second Screen : Tinned Copper Wire Braid
 5- Outer Conductor : Stranded Electrolytic Copper (TS EN 60228)
 6- Sheath Material : LSZH (TS EN 50290-2-26) (White, Brown, Green, Yellow, Grey, Pink, Blue, Red, Black, Violet, Turquoise, Orange)
 7- OuterSheath : LSZH Outer sheath with white coloured (TS EN 50290-2-27)

Applications

Used in indoor CATV (Cable TV) systems, individual - central antenna and satellite distribution systems, CCTV camera security systems. It provides transmission of display, power, audio and control signals at the same time.

Attenuation (Max)

Mhz				
5	200	400	800	1000
dB/100 m				
2,80	10,5	14,8	21,5	24,6

Return Loss (Min)

Mhz	
5-470	470-1000
dB	
>20	>18



CCTV RG 6 LSZH Camera Cables

Number of Cores and Cross-Section	Outer Diameter (Approx)	Cable Weight (Approx)	Conductor Resistance (max.)	Operating Voltage	Delivery Length
mm ²	mm	kg/km	Ω/km	(V)	m
2x0,22	9,1	86,5	96,0	250	100 / 300 / 500 / 1000
2x0,25	9,1	87,0	78,0	250	100 / 300 / 500 / 1000
2x0,50	9,5	94,9	39,0	250	100 / 300 / 500 / 1000
2x0,75	9,8	102,9	26,0	250	100 / 300 / 500 / 1000
4x0,22	9,1	93,2	96,0	250	100 / 300 / 500 / 1000
4x0,25	9,1	94,3	78,0	250	100 / 300 / 500 / 1000
4x0,50	9,5	108,3	39,0	250	100 / 300 / 500 / 1000
2x0,50 + 2x0,22	9,5	101,6	39,0 / 96,0	250	100 / 300 / 500 / 1000